

# LÃ-dia S Ferreira

## List of Publications by Year in descending order

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73  
papers

1,059  
citations

471509

17  
h-index

414414

32  
g-index

73  
all docs

73  
docs citations

73  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton emission study as a guide to astrophysical rp process. EPJ Web of Conferences, 2022, 260, 11039.	0.3	0
2	Fine structure in the odd-odd proton emitter $^{144}\text{Tm}$ . Physical Review C, 2022, 105, 044601. <a href="#">https://doi.org/10.1103/PhysRevC.105.044601</a>	2.9	2
3	Behavior of chiral bands in $^{149}\text{Lu}$ . Physical Review C, 2021, 103, 044307. <a href="#">https://doi.org/10.1103/PhysRevC.103.044307</a>	7.8	13
4	Interpretation of $^{108}\text{Cs}$ as an odd-odd $\hat{I}^3$ -deformed proton emitter. Physical Review C, 2021, 103, 044307. <a href="#">https://doi.org/10.1103/PhysRevC.103.044307</a>	2.9	3
5	Interpretation of $^{108}$ as an odd-odd $\hat{I}^3$ -deformed proton emitter. Physical Review C, 2021, 103, .	2.9	5
6	Nonadiabatic quasiparticle description of rotation-particle coupling in triaxial odd-odd nuclei. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 125105.	3.6	6
7	Nonadiabatic quasiparticle approach for rotation-particle coupling in triaxial odd-A nuclei. Physical Review C, 2017, 95, .	2.9	13
8	Modified particle-rotor model and low-lying rotational bands in odd- $A$ triaxial nuclei. Physica Scripta, 2017, 92, 094002.	2.5	1
9	Decay of $^{147}\text{Tm}$ and the role of triaxiality studied with a nonadiabatic quasiparticle approach. Physical Review C, 2017, 96, .	2.9	10
10	Discovery of $^{72}\text{Rb}$ : A Nuclear Sandbank Beyond the Proton Drip Line. Physical Review Letters, 2017, 119, 192503. <a href="#">https://doi.org/10.1103/PhysRevLett.119.192503</a>	7.8	22
11	Triaxiality in the proton emitter $^{109}\text{Lu}$ . Physical Review C, 2017, 95, .	2.9	10
12	Self-consistent description of deformed nuclei at the proton drip line. EPJ Web of Conferences, 2016, 117, 06004.	0.3	1
13	Proton emission from the deformed odd-odd nuclei near drip line. Journal of Physics: Conference Series, 2016, 665, 012049.	0.4	0
14	Progresses in proton radioactivity studies. AIP Conference Proceedings, 2016, , .	0.4	0
15	Deformation of the proton emitter $^{113}\text{Cs}$ from electromagnetic transition and proton emission rates. Physical Review C, 2016, 94, .	2.9	6
16	The structure of proton rich nuclei in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 580, 012034.	0.4	1
17	Oblately deformed isomeric proton-emitting state in $^{151}\text{Lu}$ . Physical Review C, 2015, 91, .	2.9	14
18	Theoretical studies of nuclei at the proton drip-line. Journal of Physics: Conference Series, 2013, 420, 012053.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Nonadiabatic quasiparticle approach for deformed odd-odd nuclei and the proton emitter $^{130}\text{Eu}$ . Physical Review C, 2013, 88, .	2.9	13
20	Theoretical studies of exotic drip-line nuclei. , 2012, , .		0
21	Nuclear Structure Studies at the Borders of Stability. Journal of Physics: Conference Series, 2011, 312, 092024.	0.4	0
22	Nonadiabatic effects in odd-odd deformed proton emitters. , 2011, , .		0
23	Theoretical studies of proton emission from drip-line nuclei.. , 2011, , .		0
24	Two-proton sequential decay from excited states of $^{18}\text{Ne}$ . , 2011, , .		0
25	Nuclear Structure Studies of Exotic Nuclei. , 2011, , .		0
26	Assigning $\beta^3$ deformation from fine structure in exotic nuclei. , 2011, , .		0
27	Proton emission as a probe for Partial Rotation Alignment. Nuclear Physics A, 2010, 834, 416c-419c.	1.5	0
28	Probing the nuclear structure of drip-line nuclei. , 2010, , .		0
29	Triaxial deformations in the proton emitters $^{161}\text{Re}$ and $^{185}\text{Bi}$ . AIP Conference Proceedings, 2008, , .	0.4	0
30	The structure and shape of exotic nuclei beyond the proton drip-line. , 2008, , .		0
31	Fine structure in proton radioactivity: An accurate tool to ascertain the breaking of axial symmetry in $^{145}\text{Tm}$ . Physical Review C, 2008, 78, .	2.9	28
32	Triaxially deformed proton emitters. AIP Conference Proceedings, 2007, , .	0.4	0
33	Theoretical aspects of proton emission from deformed nuclei. AIP Conference Proceedings, 2007, , .	0.4	0
34	Nonadiabatic quasiparticle description of triaxially deformed proton emitters. Physical Review C, 2007, 76, .	2.9	16
35	Decays of drip line nuclei. Progress in Particle and Nuclear Physics, 2007, 59, 418-424.	14.4	20
36	Deformed proton emitters, Coriolis interaction and pseudo-spin doublets. Physica Scripta, 2006, T125, 49-52.	2.5	1

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37	Asymptotic properties of bound states in coupled quantum wave guides. Journal of Physics A, 2006, 39, 1207-1228.	1.6	2
38	Importance of Coriolis interaction and pseudo-spin doublets in deformed proton emitters. AIP Conference Proceedings, 2006, , .	0.4	0
39	IMPORTANCE OF CORIOLIS INTERACTION IN DEFORMED PROTON EMITTERS. International Journal of Modern Physics E, 2006, 15, 1789-1795.	1.0	2
40	Proton radioactivity and the proton drip line. Nuclear Physics A, 2005, 752, 223-226.	1.5	10
41	Structure of proton-radioactive nuclei. Journal of Physics C: Nuclear and Particle Physics, 2005, 31, S1569-S1572.	3.6	6
42	The limiting temperature of hot nuclei from microscopic equation of state. Physical Review C, 2004, 69, .	2.9	23
43	Resonances: Calculations and Observables. International Journal of Theoretical Physics, 2003, 42, 2117-2130.	1.2	4
44	Theoretical description of deformed proton emitters: Nonadiabatic quasiparticle method. Physical Review C, 2003, 67, .	2.9	59
45	Proton decay of near-spherical nuclei. AIP Conference Proceedings, 2003, , .	0.4	0
46	Non-adiabatic quasi-particle model for deformed proton emitters. AIP Conference Proceedings, 2003, , .	0.4	1
47	New developments in the theory of proton radioactivity. , 2003, , 135-138.		0
48	Dependence of the decay widths for proton emission on the single particle potential. Physical Review C, 2002, 65, .	2.9	29
49	Proton emission from drip-line nuclei. AIP Conference Proceedings, 2002, , .	0.4	0
50	Odd-Odd Deformed Proton Emitters. Physical Review Letters, 2001, 86, 1721-1724.	7.8	71
51	New strongly deformed proton emitter: <sup>117</sup> La. Physical Review C, 2001, 63, .	2.9	23
52	Exact calculations for deformed proton emitters. AIP Conference Proceedings, 2000, , .	0.4	0
53	<sup>151</sup> Lu: Spherical or deformed?. Physical Review C, 2000, 61, .	2.9	26
54	Fine structure in proton emission from deformed <sup>131</sup> Eu. Physical Review C, 2000, 61, .	2.9	43

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55	Proton emission from deformed nuclei. <i>Physical Review C</i> , 1999, 59, R589-R592.	2.9	77
56	Nuclear liquid-gas phase transition. <i>Physical Review C</i> , 1999, 59, 682-703.	2.9	150
57	Nucleon Decay from Deformed Nuclei. <i>Physical Review Letters</i> , 1998, 81, 538-541.	7.8	124
58	Nucleon Resonances in Deformed Nuclei. <i>Physical Review Letters</i> , 1997, 78, 1640-1643.	7.8	56
59	Energy dependence of fusion cross sections. <i>Physical Review C</i> , 1996, 53, R18-R19.	2.9	16
60	Single particle energies in $^{17}\text{O}$ with the Bonn potential. <i>Physical Review C</i> , 1994, 50, 1240-1243.	2.9	1
61	Dependence of the Landau parameters on the single particle potential. <i>Physical Review C</i> , 1994, 50, 1887-1892.	2.9	12
62	$^{11}\text{Li}$ Dipole Moments. <i>Europhysics Letters</i> , 1992, 18, 679-684.	2.0	5
63	Nuclear matter within the continuous choice. <i>Physical Review C</i> , 1991, 43, 2605-2609.	2.9	45
64	Finite nuclei calculations with realistic potential models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 262, 179-184.	4.1	7
65	Separable nucleon-nucleon potential with delta isobar degrees of freedom. <i>Physical Review C</i> , 1990, 41, 2298-2304.	2.9	7
66	Application of Gamow resonances to continuum nuclear spectra. <i>Physical Review C</i> , 1988, 37, 876-879.	2.9	27
67	Eigenvalue problem for Gamow vectors and a separable approximation for the N-N interaction. <i>Physical Review C</i> , 1987, 36, 1743-1746.	2.9	4
68	Gamow separable approximations for realistic N-N interactions: Single channel case. <i>Physical Review C</i> , 1986, 33, 1587-1593.	2.9	9
69	Separable potentials from Gamow states. <i>Physical Review C</i> , 1985, 32, 685-689.	2.9	14
70	Model dependence of Coulomb-corrected scattering lengths. <i>Physical Review C</i> , 1984, 29, 680-683.	2.9	18
71	Excitations of the Charged Pion Field in Dense Nuclear Medium with a Neutral Condensate. <i>Progress of Theoretical Physics</i> , 1981, 65, 1941-1949.	2.0	1
72	Charged Pion Condensation as a Standing Wave Mode. <i>Progress of Theoretical Physics</i> , 1981, 65, 938-947.	2.0	1

#	ARTICLE	IF	CITATIONS
73	Beyond the Proton Drip-Line. Lecture Notes in Physics, 0, , 137-156.	0.7	1